

CLAIMS

1. A polynucleotide comprising a promoter from human telomerase and at least one E1 gene.
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2. The polynucleotide according to claim 1, wherein the E1 gene is an adenovirus-derived E1 gene.
3. The polynucleotide according to claim 1 or 2, wherein the promoter from human
10 telomerase is hTERT.
4. The polynucleotide according to any one of claims 1 to 3, wherein the E1 gene comprises an E1A gene, an IRES sequence and an E1B gene in this order.
- 15 5. A virus comprising the polynucleotide according to any one of claims 1 to 4.
6. The virus according to claim 5, wherein the virus is an adenovirus.
7. An anticancer agent comprising the virus according to claim 5 or 6 as an active
20 ingredient and a pharmaceutically acceptable carrier, excipient or diluent.
8. A method of treating a cancer, comprising using the virus according to claim 5 or 6 or using the anticancer agent according to claim 7.
- 25 9. The method according to claim 8, wherein the cancer is at least one cancer selected from the group consisting of stomach cancer, large bowel cancer, lung cancer, liver cancer, prostate cancer, pancreas cancer, esophagus cancer, bladder cancer, gallbladder/bile duct cancer, breast cancer, uterine cancer, thyroid cancer and ovarian cancer.
- 30 10. The method according to claim 9, wherein the cancer is at least one selected from the group consisting of osteosarcoma and brain tumor.